Updated Search Strategies for CBG Jan 2013

Search Strategy for MEDLINE (OVID):

Part A: Generic search for randomized controlled trials and controlled clinical trials

1. randomized controlled trial.pt.
2. controlled clinical trial.pt.
3. comparative study.pt.
4. clinical trial.pt.
5. randomized.ab.
6. placebo.ab,ti.
7. drug therapy.fs.
8. randomly.ab,ti.
9. trial.ab,ti.
10. groups.ab,ti.
11. or/1-10
12. (animals not (humans and animals)).sh.
13. 11 not 12

Part B: Specific search for thoracic, low back, sacrum and coccyx problems

14. dorsalgia.ti,ab.
15. exp Back Pain/
16. backache.ti,ab.
17. exp Low Back Pain/
18. (lumbar adj pain).ti,ab.
19. coccyx.ti,ab.
20. coccydynia.ti,ab.
21. sciatica.ti,ab.
22. sciatic neuropathy/
23. spondylosis.ti,ab.
24. lumbago.ti,ab.
25. back disorder$.ti,ab.
26. or/14-25

Part C: Specific search for neck problems

27. neck muscles.sh.
28. exp Neck/
29. exp neck pain/
30. whiplash injuries.sh.
31. neck.ti,ab.
32. or/27-31

Part D: Other spinal disorders

33. exp Spine/
34. discitis.ti,ab.
35. exp Spinal Diseases/
36. (disc adj degeneration).ti,ab.
37. (disc adj prolapse).ti,ab.
38. (disc adj herniation).ti,ab.

39. spinal fusion.sh.
40. spinal neoplasms.sh.
41. (facet adj joints).ti,ab.
42. intervertebral disc.sh.
43. Intervertebral Disc Displacement.sh.
44. postlaminectomy.ti,ab.
45. arachnoiditis.ti,ab.
46. (failed adj back).ti,ab.
47. or/33-46

Part E: Specific outcome measurements related to spinal disorders
48. Oswestry.tw.
49. Roland-Morris.tw.
50. or/48-49

Results (all RCTs and CCTs for spinal disorders)

51. 26 or 32 or 47 or 50
52. 13 and 51

SEARCH STRATEGY FOR EMBASE (OVID)
Part A: Generic search for randomized controlled trials and controlled clinical trials
1 Clinical Article/
2 exp Clinical Study/
3 Clinical Trial/
4 Controlled Study/
5 Randomized Controlled Trial/
6 Major Clinical Study/
7 Double Blind Procedure/
8 Multicenter Study/
9 Single Blind Procedure/
10 Phase 3 Clinical Trial/
11 Phase 4 Clinical Trial/
12 crossover procedure/
13 placebo/
14 or/1-13
15 allocat$.mp.
16 assign$.mp.
17 blind$.mp.
18 (clinic$ adj25 (study or trial)).mp.
19 compar$.mp.
20 control$.mp.
21 cross?over.mp.
22 factorial$.mp.
23 follow?up.mp.
24 placebo$.mp.
25 prospectiv$.mp.
26 random$.mp.

27 ((singl$ or doubl$ or trebl$ or tripl$) adj25 (blind$ or mask$)).mp.
28 trial.mp.
29 (versus or vs).mp.
30 or/15-29
31 14 and 30
32 exp animals/ or exp invertebrate/ or animal experiment/ or animal model/ or animal tissue/ or animal cell/ or nonhuman/
33 human/ or normal human/ or human cell/
34 32 and 33
35 32 not 34
36 31 not 35

Part B: Specific search for thoracic, low back, sacrum and coccyx problems

37 dorsalgia.mp.
38 back pain.mp.
39 exp LOW BACK PAIN/
40 exp BACKACHE/
41 (lumbar adj pain).mp.
42 coccyx.mp.
43 coccydynia.mp.
44 sciatica.mp.
45 exp ISCHIALGIA/
46 spondylosis.mp.
47 lumbago.mp.
48 back disorder$.ti,ab.
49 or/37-48

Part C: Specific search for neck problems

50 neck muscles.mp.
51 exp NECK/
52 whiplash injuries.mp.
53 neck.mp.
54 exp neck pain/
55 exp neck muscle/
56 neck disorder*.mp.
57 or/50-56

Part D: Other spinal disorders

58 exp SPINE/
59 discitis.mp.
60 exp Spine Disease/
61 (disc adj degeneration).mp.
62 (disc adj prolapse).mp.
63 (disc adj herniation).mp.
64 spinal fusion.mp.
65 spinal neoplasms.mp.
66 (facet adj joints).mp.
67 intervertebral disk.mp.
68 postlaminectomy.mp.
69 arachnoiditis.mp.
70 (failed adj back).mp.

71 or/58-70

Part E: Specific outcome measurements related to spinal disorders

72 oswestry.mp.
73 roland-morris.mp.
74 72 or 73

Results (all RCTs and CCTs for spinal disorders)

75 49 or 57 or 71 or 74
76 36 and 75

SEARCH STRATEGY FOR CINAHL (EBSCO)

Part A: Generic search for randomized controlled trials and controlled clinical trials

S28 S26 NOT S27
S27 (MH "Animals")
S26 S7 or S12 or S19 or S25
S25 S20 or S21 or S22 or S23 or S24
S24 volunteer*
S23 prospectiv*
S22 control*
S21 followup stud*
S20 follow-up stud*
S19 S13 or S14 or S15 or S16 or S17 or S18
S18 (MH "Prospective Studies+")
S17 (MH "Evaluation Research+")
S16 (MH "Comparative Studies")
S15 latin square
S14 (MH "Study Design+")
S13 (MH "Random Sample")
S12 S8 or S9 or S10 or S11
S11 random*
S10 placebo*
S9 (MH "Placebos")
S8 (MH "Placebo Effect")
S7 S1 or S2 or S3 or S4 or S5 or S6
S6 triple-blind
S5 single-blind
S4 double-blind
S3 clinical W3 trial
S2 "randomi?ed controlled trial*"
S1 (MH "Clinical Trials+")

Part B: Specific search for thoracic, low back, sacrum and coccyx problems

S48 S35 or S43 or S47
S47 S44 or S45 or S46
S46 "lumbago"
S45 (MH "Spondylolisthesis") OR (MH "Spondylolysis")

S44 (MH "Thoracic Vertebrae")
S43 S36 or S37 or S38 or S39 or S40 or S41 or S42
S42 lumbar N2 vertebra
S41 (MH "Lumbar Vertebrae")
S40 "coccydynia" OR "back disorder*"
S39 "coccyx"
S38 "sciatica"
S37 (MH "Sciatica")
S36 (MH "Coccyx")
S35 S29 or S30 or S31 or S32 or S33 or S34
S34 lumbar N5 pain
S33 lumbar W1 pain
S32 "backache"
S31 (MH "Low Back Pain")
S30 (MH "Back Pain+")
S29 "dorsalgia"

Part C: Specific search for neck problems

S55 S54 or S53 or S52 or S51 or S50 or S49
S54 (MH "Whiplash Injuries")
S53 (MH "Cervical Vertebrae")
S52 (MH "Neck Pain")
S51 (MH "Neck")
S50 "neck muscles"
S49 (MH "Neck Muscles")

Part D: Other spinal disorders

S66 S65 or S64 or S63 or S62 or S61 or S60 or S59 or S58 or S57 or S56
S65 failed W1 back
S64 (MH "Laminectomy")
S63 facet W1 joint
S62 (MH "Spinal Fusion")
S61 disc W5 herniation
S60 disc W5 prolapse
S59 disc W5 degeneration
S58 (MH "Spinal Diseases+")
S57 (MH "Intervertebral Disk")
S56 (MH "Spine+")

Part E: Specific outcome measurements related to spinal disorders

S69 S68 or S67
S68 Roland-morris
S67 oswestry

Results (all RCTs and CCTs for spinal disorders)

S74 S28 and S72
S73 S28 and S72
S72 S70 or S71

S71 S48 or S55
S70 S66 or S69

SEARCH STRATEGY FOR CENTRAL – ONLINE (COCHRANE LIBRARY)

Part A: Specific search for back pain and spinal disorders

#1 MeSH descriptor Back Pain explode all trees
#2 dorsalgia
#3 backache
#4 MeSH descriptor Low Back Pain explode all trees
#5 (lumbar next pain) or (coccyx) or (coccydynia) or (sciatica) or (spondylosis)
#6 MeSH descriptor Spine explode all trees
#7 MeSH descriptor Spinal Diseases explode all trees
#8 (lumbago) or (discitis) or (disc near degeneration) or (disc near prolapse) or (disc near herniation)
#9 spinal fusion
#10 spinal neoplasms
#11 facet near joints
#12 MeSH descriptor Intervertebral Disk explode all trees
#13 postlaminectomy
#14 arachnoiditis
#15 failed near back
#16 MeSH descriptor Cauda Equina explode all trees
#17 lumbar near vertebra*
#18 spinal near stenosis
#19 slipped near (disc* or disk*)
#20 degenerat* near (disc* or disk*)
#21 stenosis near (spine or root or spinal)
#22 displace* near (disc* or disk*)
#23 prolap* near (disc* or disk*)
#24 MeSH descriptor Sciatic Neuropathy explode all trees
#25 sciatic*
#26 back disorder*
#27 back near pain
#28 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27)

Part B: Specific search for neck pain

#29 MeSH descriptor Neck, this term only
#30 MeSH descriptor Neck Pain explode all trees
#31 MeSH descriptor Neck Muscles explode all trees
#32 MeSH descriptor Neck Injuries explode all trees
#33 MeSH descriptor Whiplash Injuries explode all trees
#34 whiplash
#35 neck pain
#36 neck disorder*
#37 cervical near vertebra*
#38 neck near pain
#39 (#29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38)

Results (all RCTs and CCTs for spinal disorders)

#40 (#28 OR #39)

SEARCH STRATEGY FOR PSYCINFO (OVID)
PART A: RCT FILTER
1. CLINICAL TRIALS/
2. CONTROLLED TRIAL.MP.
3. RCT.MP.
4. (RANDOM* ADJ3 TRIAL).MP.
5. (CLIN* ADJ3 TRIAL).MP.
6. (SING* ADJ2 BLIND*).MP.
7. (DOUB* ADJ2 BLIND*).MP.
8. PLACEBO.MP. OR EXP PLACEBO/
9. LATIN SQUARE.MP.
10. (RANDOM* ADJ2 ASSIGN*).MP.
11. PROSPECTIVE STUDIES/
12. (PROSPECTIVE ADJ STUD*).MP.
13. (COMPARATIVE ADJ STUD*).MP.
14. TREATMENT EFFECTIVENESS EVALUATION/
15. TREATMENT EFFECTIVENESS EVALUATION/
16. (EVALUATION ADJ STUD*).MP.
17. EXP POSTTREATMENT FOLLOWUP/
18. FOLLOW?UP STUD*.MP.
19. OR/1-18
PART B, BACK PAIN, SPINAL DISORDERS OR NECK PAIN
20. BACK PAIN/
21. LUMBAR SPINAL CORD/
22. (LOW ADJ BACK ADJ PAIN).MP. [MP=TITLE, ABSTRACT, SUBJECT HEADINGS, HEADING WORD, DRUG TRADE NAME, ORIGINAL TITLE, DEVICE MANUFACTURER, DRUG MANUFACTURER, DEVICE TRADE NAME, KEYWORD]
23. (BACK ADJ PAIN).MP. [MP=TITLE, ABSTRACT, SUBJECT HEADINGS, HEADING WORD, DRUG TRADE NAME, ORIGINAL TITLE, DEVICE MANUFACTURER, DRUG MANUFACTURER, DEVICE TRADE NAME, KEYWORD]
24. SPINAL COLUMN/
25. (LUMBAR ADJ2 VERTEBRA*).MP. [MP=TITLE, ABSTRACT, SUBJECT HEADINGS, HEADING WORD, DRUG TRADE NAME, ORIGINAL TITLE, DEVICE MANUFACTURER, DRUG MANUFACTURER, DEVICE TRADE NAME, KEYWORD]
26. COCCYX.MP.
27. SCIATICA.MP.
28. LUMBAGO.MP.
29. DORSALGIA.MP.
30. BACK DISORDER*.MP.
31. ((DISC OR DISK) ADJ DEGENERAT*).MP. [MP=TITLE, ABSTRACT, SUBJECT HEADINGS, **HEADING WORD, DRUG TRADE NAME, ORIGINAL TITLE, DEVICE MANUFACTURER, DRUG** MANUFACTURER, DEVICE TRADE NAME, KEYWORD]
32. ((DISC OR DISK) ADJ HERNIAT*).MP.
33. ((DISC OR DISK) ADJ PROLAPSE*).MP.
34. (FAILED ADJ BACK).MP.
35. NECK PAIN/

36. (NECK ADJ PAIN).MP. [MP=TITLE, ABSTRACT, SUBJECT HEADINGS, HEADING WORD, DRUG TRADE NAME, ORIGINAL TITLE, DEVICE MANUFACTURER, DRUG MANUFACTURER, DEVICE TRADE NAME, KEYWORD]
37. CERVICAL SPINE/
38. NECK DISORDER*.MP.
39. WHIPLASH INJURY/
40. OR/20-39
RESULTS
41. 19 AND 40

SEARCH STRATEGY FOR PSYCINFO (CSA)
(KW=(Randomi?ed controlled trial*) OR KW=(clinical trial*) OR KW=(clin* near trial*) OR KW=(sing* near blind*) OR KW=(sing* near mask*) OR KW=(doubl* near blind*) OR KW=(doubl* near mask*) OR KW=(trebl* near mask*) OR KW=(trebl* near mask*) OR KW=(tripl* near blind*) OR KW=(tripl* near mask*) OR KW=(placebo*) OR KW=(random*) OR DE=(research design) OR KW=(latin square) OR KW=(comparative stud*) OR KW=(evaluation stud*) OR KW=(follow up stud*) OR DE=(prospective stud*) OR KW=(control*) OR KW=(prospective*) OR KW=(volunteer*)) AND (DE=(back) OR DE=(back pain) OR DE=(neck))

SEARCH STRATEGY FOR Index to Chiropractic Literature

Part A: Generic search for randomized controlled trials and controlled clinical trials
S1 , Publication Type:Clinical Trial
S2 , Publication Type:Controlled Clinical Trial
S3 , Publication Type:Randomized Controlled Trial
S4 Subject:"Clinical Trials" OR Subject:"Clinical Trials as Topic" OR Subject:"Controlled Clinical Trials"
S5 Subject:"Randomized Controlled Trials as Topic" OR Subject:"Prospective Studies" OR Subject:"Comparative Study"
S6 All Fields:random* OR All Fields:placebo* OR All Fields:sham*
S7 All Fields:versus OR All Fields:vs
S8 All Fields:"clinical trial" OR All Fields:"controlled trial"
S9 All Fields:double-blind OR All Fields:"double blind"
S10 All Fields:single-blind OR All Fields:"single blind"
S11 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10
Part B: Specific search for thoracic, low back, sacrum and coccyx problems
S12 Subject:"Back" OR Subject:"Back Injuries" OR Subject:"Back Pain"
S13 Subject:"Low Back Pain" OR Subject:"Lumbar" OR Subject:"Lumbosacral Region"
S14 Subject:"Sciatica" OR All Fields:sciatica
S16 Subject:"Coccyx" OR Subject:"Sacroiliac Joint" OR Subject:"Sacrum"
S17 S12 OR S13 OR S14 OR S16
Part C: Specific search for neck problems
S18 Subject:"Neck Pain" OR Subject:"Neck" OR Subject:"Neck Injuries"
S21 Subject:"Neck Muscles" OR Subject:"Whiplash Injuries" OR Subject:"Cervical Vertebrae"
S22 All Fields:"Neck Pain" OR All Fields:"cervical spine"

S23 S18 OR S21 OR S22

Part D: Other spinal disorders, Specific outcome measurements related to spinal disorders

S24 Subject:"Intervertebral Disk" OR All Fields:disc OR Subject:"Spine"

S25 All Fields:oswestry OR All Fields:roland-morris

S26 S17 OR S23 OR S24 OR S25

Results (all RCTs and CCTs for spinal disorders)

S27 S11 AND S26